

PINK BOLLWORM PROGRAM – WEEKLY REPORT

42 YEARS OF SERVICE TO COTTON GROWERS



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Week Ending August 29, 2009

Pink Bollworm Activities

Southern California:

Native Pink Bollworm (PBW) moth captures jumped from 18 last week to 123 this week. This is most likely due to the migration of moths from cotton in Mexico. The cumulative total for all the Southern California cotton growing areas is still only 319. This is 81.7% below the cumulative total in 2008 at this time, and 99.9% below the 2007 cumulative at this time of the year. There have been 3,040,000 sterile moths released to date over Imperial County cotton and okra. In Riverside County, the cumulative total of sterile moths released to date over cotton and okra is 25,456,000.

San Joaquin Valley:

There were 11,955,505 sterile moths released this week, bringing the season total to 160,411,696. The Shafter Identification Lab examined 239 traps containing 5,690 sterile moths in traps from Kern, Tulare, Fresno, and Merced Counties. There was only one native trapped this week, a repeat of the native trapped at the West Side Research and Extension Center in Fresno County. Crews collected 500 cotton bolls from the Mendota area cotton field that has yielded 31 native PBW moths to date. These 500 bolls will be held in *boll boxes* within a bio-chamber at optimum temperature and humidity to develop any PBW larvae which may be present. The boll boxes will be examined over the next two to three weeks for evidence of a breeding population.

Sacramento Valley:

Mapping and trap placement was completed this week in Glenn and Sutter Counties. All cotton fields were easily found thanks to the help from the Glenn County and Sutter County Agricultural Commissioners Offices.

Twenty traps were placed in Glenn County cotton fields and eight traps were placed in Sutter County cotton fields.

Traps will be inspected and removed in October.



An idyllic view in Sutter County